

SEQUENCE LISTING

<110> DIREVO Biotech AG

<120> Method for the Selective Combinatorial Randomization of Polynucleotides

<130> 031969wo/JH/ml

<140>

<141>

<160> 17

<170> PatentIn Ver. 2.1

<210> 1

<211> 116

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Polynucleotide
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catttctcaa attaaagcgc cggctcttca ctctcaaggc tacacaggct ctaacg 116

<210> 2

<211> 116

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Polynucleotide
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catttctcaa attaaagcgc cggctcttca ctctcaaggc tacacaggct ctaacg 116

<210> 3

<211> 419

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Polynucleotide
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<400> 3

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agtagctggt atcgacagcg gaattgactc ttctcatcct gacttaaacy tcagaggcgg 180
agcaagcttc gtaccttctg aaacaaaccc ataccaggac ggcagttctc acggtaacga 240
tgtagccggt acgattgccg ctcttaataa ctcaatcggg gttctgggcy tagcgccaag 300

cgcatacatta tatgcagtaa aagtgccttga ttcaacagga agcggccaat atagctggat 360
tattaacggc attgagtggg ccatttccaa caatatggat gttatcaaca tgagccttg 419

<210> 4
<211> 419
<212> DNA
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<220>
<223> Description of Artificial Sequence: Polynucleotide
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cgcatacatta tatgcagtaa aagtgccttga ttcaacagga agcggccggt atagctggat 360
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<210> 5
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide 1

<220>
<221> modified_base
<222> (17)
<223> abasic deoxynucleotide

<400> 5
gaatatgcac agagtgnctc ttatggc

27

<210> 6
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
Oligonucleotide 2

<400> 6
gccataagga gcactctgtg catattc

27

<210> 7
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Primer 23

 <400> 7
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 <210> 8
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 <223> Description of Artificial Sequence: Primer 11

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 <210> 9
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 <223> Description of Artificial Sequence: Template 31

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 <222> (34)
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 <210> 10
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 <221> modified_base
 <222> (32)
 <223> i

 <400> 10
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 <210> 11
 <211> 33
 <212> DNA
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:
Oligonucleotide 4

<400> 11

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33

<210> 12

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer 1

<220>

<221> modified_base

<222> (14)

<223> i

<400> 12

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27

<210> 13

<211> 22

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Primer 2

<400> 13

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22

<210> 14

<211> 909

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Polynucleotide
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agcaagcttc gtaccttctg aaacaaaccc ataccaggac ggcagttctc acggtacgca 240
tgtagccggg acgattgccg ctcttaataa ctcaatcggg gttctgggcg tagcgccaag 300
cgcatcatta tatgcagtaa aagtgcctga ttcaacagga agcggccaat atagctggat 360
tattaacggc attgagtggg ccatttccaa caatatggat gttatcaaca tgagccttgg 420
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cgtcgttgct gccgcagcgc gaaacgaagg ttcatccgga agcacaagca cagtcggcta 540
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tgatcgttta gaaagcactg caacatatct tggaaactct ttctactatg gaaaagggtt 840
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acctgcttc                                     909

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<210> 15
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<212> DNA
<213> Artificial Sequence

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<220>
<223> Description of Artificial Sequence: Polynucleotide
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agcaagcttc gtaccttctg atacaaacc ataccaggac ggcagttctc acggtacgca 240
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cgcataatta tatgcagtaa aagtgcctga ttcaacagga agcggccgtt atagctggat 360
tattaacggc attgagtggg ccatttccaa caatatggat gttatcaaca tgagccttgg 420
cggccctact gggttctaaag cgctgaaaac agtcggtgac aaagccgttt ccagcgggat 480
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tgatcgttta gaaagcactg caacatatct tggtaactct ttctactatg gaaaagggtt 840
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acctgcttc                                     909

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<210> 16
<211> 23
<212> DNA
<213> Artificial Sequence

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<220>
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<400> 16
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<210> 17
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<220>
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<400> 17
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